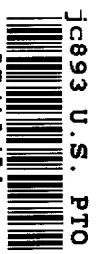


07/12/01



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Walid Ahmed
Juan G. Gonzalez
Salim Manji
Jose Luis Paredes

11046 U.S. PTO
09/903881
07/12/01

CASE 23-3-2-1

TITLE Symbol Synchronizer For Impulse Noise Channels

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

NEW APPLICATION UNDER 37 CFR § 1.53(b)

Enclosed are the following papers relating to the above-named application for patent:

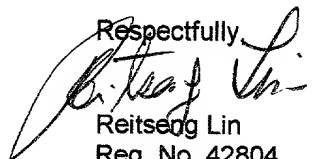
- Specification
- 8 Informal Sheets of drawing(s)
- Declaration and Power of Attorney (Unsigned)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	24 - 20 =	4	x \$18 =	\$72
Independent Claims	2 - 3 =	0	x \$80 =	\$0
Multiple Dependent Claims, if applicable			+ \$270 =	\$0
Basic Fee				\$710
			TOTAL FEE	\$782

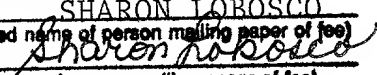
Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$782, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Docket Administrator (Room 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636**. However, telephone calls should be made to me at 732-949-1857.

Respectfully,

Reitseng Lin
Reg. No. 42804
Attorney for Applicant(s)

Date: JUL 12 2001
Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P.O. Box 636
Murray Hill, New Jersey 07974-0636

"Express Mail" mailing label
number EK218523428US
Date of Deposit July 12, 2001
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SHARON IOROSCO
(Printed name of person mailing paper of fee)

(Signature of person mailing paper of fee)